**DOCKET NO.:** CELL-0072 **Application No.: 09/326,020** 

Office Action Dated: March 12, 2003

REPLY FILED UNDER EXPEDITED PROCEDURE PURSUANT TO 37 CFR § 1.116

This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims:**

1. (currently amended) A compound of formula (1a):

$$R^{1}(Alk^{1})_{r}(L^{1})_{s}$$
  $(Alk^{2})_{m}$   $C(R^{2})$   $X^{1}R^{4}$ 

wherein:

R is a carboxylic acid;

R<sup>1</sup> is an optionally substituted pyridyl group;

Alk<sup>1</sup> is an optionally substituted C<sub>1-6</sub> aliphatic chain or an optionally substituted C<sub>1-6</sub> heteroaliphatic chain containing one, two, three or four heteroatoms or heteroatom-containing groups selected from the group consisting of -O-, -S-, -C(O)-, -C(O)O-, -C(S)-, -S(O)-,  $-S(O)_2$ ,  $-N(R^5)$ ,  $-CON(R^5)$ ,  $-OC(O)N(R^5)$ ,  $-CSN(R^5)$ ,  $-N(R^5)CO$ ,  $-N(R^5)C(O)O$ ,  $-N(R^5)CS-$ ,  $-S(O)N(R^5)-$ ,  $-S(O)_2N(R^5)-$ ,  $-N(R^5)S(O)-$ ,  $-N(R^5)S(O)_2-$ ,  $-N(R^5)CON(R^5)-$ ,  $-N(R^5)CSN(R^5)-$ ,  $-N(R^5)SON(R^5)-$ , and  $-N(R^5)SO_2N(R^5)-$ ;

R<sup>5</sup> is a hydrogen atom or a straight or branched alkyl group;

 $L^{1}$  is -O-, -S-, -C(O)-, -C(O)O-, -C(S)-, -S(O)-, -S(O)<sub>2</sub>-, -N(R<sup>5</sup>)-, -CON(R<sup>5</sup>)-,  $-OC(O)N(R^5)$ -,  $-CSN(R^5)$ -,  $-N(R^5)CO$ -,  $-N(R^5)C(O)O$ -,  $-N(R^5)CS$ -,  $-S(O)N(R^5)$ -,  $-S(O)_2N(R^5)$ -,  $-N(R^5)S(O)$ -,  $-N(R^5)S(O)_2$ -,  $-N(R^5)CON(R^5)$ -,  $-N(R^5)CSN(R^5)$ -,  $-N(R^5)SON(R^5)$ -, or  $-N(R^5)SO_2N(R^5)$ -;

r and s, which may be the same or different, is each zero or an integer 1;

Alk<sup>2</sup> is a straight or branched alkylene chain;

m is zero or an integer 1;



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R<sup>2</sup> is a hydrogen atom or a methyl group;

 $X^1$  is a group selected from -N(R<sup>3</sup>)CO-, (where R<sup>3</sup> is a hydrogen atom or a straight or branched alkyl group); -N(R<sup>3</sup>)SO<sub>2</sub>-, -N(R<sup>3</sup>)C(O)O- or -N(R<sup>3</sup>)CON(R<sup>3a</sup>)- (where R<sup>3a</sup> is a hydrogen atom or a straight or branched alkyl group);

 $R^4$  is an optionally substituted  $C_{1-6}$ aliphatic,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkenyl,  $C_{7-10}$ bicycloalkyl,  $C_{7-10}$ bicycloalkenyl, or  $C_{7-10}$ tricycloalkenyl group; and the salts, solvates, hydrates and or N-oxides thereof.

(canceled)

3. (canceled)

. (canceled)

(original) A compound according to Claim 1 wherein  $-(Alk^1)_r(L^1)_{s^-}$  is a  $-CH_2O$ - or  $-CON(R^5)$ - group where  $R^5$  is a hydrogen atom or a straight or branched alkyl group.

(original) A compound according to Claim wherein  $-(Alk^1)_r(L^1)_{s^-}$  is a -CONH-group.

(original) A compound according to Claim 1 wherein  $Alk^2$  is  $-CH_2$ -, m is an integer 1, and  $R^2$  is a hydrogen atom.

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(original) A compound according to Claim 1 wherein X<sup>1</sup> is a -NHCO-, -NHSO<sub>2</sub>-, -

NHC(O)O- or -NHCONH- group.

(original) A compound according to Claim 8 wherein X<sup>1</sup> is a -NHCO- group.

(original) A compound according to Claim 1 wherein  $R^4$  is an optionally substituted straight or branched  $C_{1-6}$ alkyl group or an optionally substituted  $C_{3-7}$ cycloalkyl or  $C_{7-10}$ tricycloalkyl group.

11. (original) A compound according to Claim 10 wherein R<sup>4</sup> is an optionally substituted straight or branched C<sub>1-4</sub>alkyl, cyclopropyl, cyclobutyl, cyclopentyl or adamantyl group.

(currently amended) A compound which is:

N-Isopropaloyl-N-(3,5-dichloroisonicotinoyl)-L-4-aminophenylalanine;

N-Cyclopropaloyl-N-(3,5-dichloroisonicotinoyl)-L-4-aminophenylalanine;

N-Acetyl-N'-(3,5-dichloroisonicotinoyl)-L-4-aminophenylalanine;

and the salts, solvates, hydrates and or N-oxides thereof.

(original) A pharmaceutical composition comprising a compound according to Claim 1 together with one or more pharmaceutically acceptable carriers, excipients or diluents.

14. (canceled)

15. (canceled)

16. (canceled)

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17. (canceled) /

(canceled) 18.

(canceled) 19.